

# HUB UNIT FOR AUTOMOBILE

Publication number: JP2002120508

Publication date: 2002-04-23

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Classification:

- international: B60B35/14; F16C33/62; F16C33/64; B60B35/00;  
F16C33/58; F16C33/62; (IPC1-7): B60B35/14;  
F16C33/62; F16C33/64

- European:

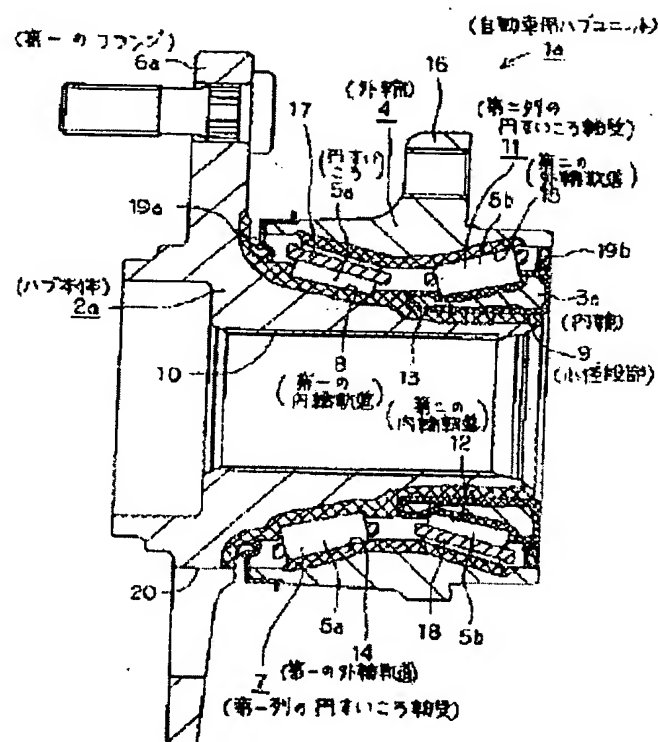
Application number: JP20000316517 20001017

Priority number(s): JP20000316517 20001017

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## Abstract of JP2002120508

**PROBLEM TO BE SOLVED:** To improve durability while suppressing cost increase and enlargement. **SOLUTION:** A hub body 2a and an outer wheel 4 are made of medium carbon steel, and an oblique lattice part is hardened with quenching. An inner wheel 3a is made of carburized steel, and an oblique lattice part is hardened with carburization quenching. The inner wheel 3a having a second inner wheel raceway track 12 having the severest condition in the rolling fatigue life is made of carburized steel having high durability.



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